

ENVOY

MEDIUM VOLTAGE

The WEST Envoy Series utilizes our advanced
Optimized Supercapacitor storage technology.

10 year
Warranty

Remote
Monitoring

Eco
Friendly



Monitoring



Uninterrupted
Power Supply



Round-trip
efficiency



Design Life



Flexible Modular
Design

2C | 3C | 5C

Discharge Rate



Safe To Recycle



Non-Propagating



Operates in Extreme
Heat And Cold



Field Serviceable

ADVANCED FEATURES INCLUDE COMPLETE SYSTEM MONITORING

The WEST Envoy Series, leverages advanced Optimized Supercapacitor technology to deliver UPS functionality with built-in fail tolerance that ensures no downtime. Designed for operational continuity, it is field serviceable without interrupting power. With negligible degradation, ultra-fast charge and discharge, no thermal runaway hazard, wide temperature resilience (-40°C to 65°C), and 97% round-trip efficiency, it sets a new benchmark for reliability.

The Envoy Series 10 is specifically engineered to be used in a wide range of environments, including data centers, EV charging, grid-storage and other demanding environments.

WEST Envoy Series 10 is the ultimate choice for data centers!

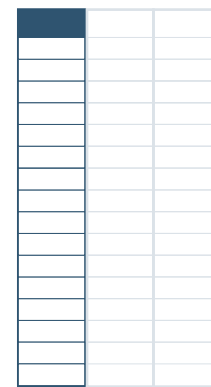
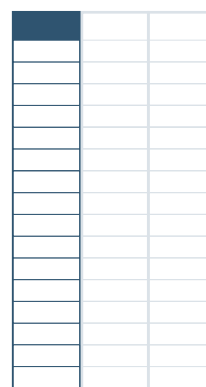
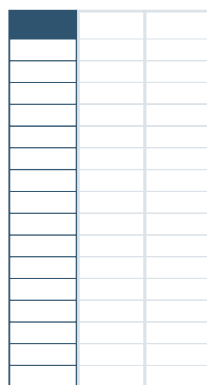
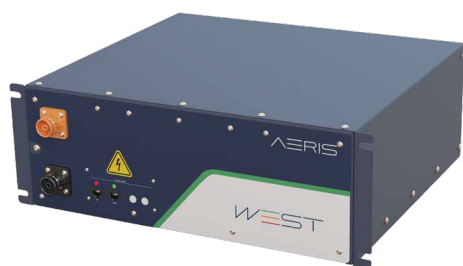


Top End Controller (Reina)

Aeris

wright.energy





GENERAL

C-Rate
Module (kWh/V)
Max String Charging Voltage (16)
Max Continuous Current
End Of Discharge Voltage (2C) x 16
End Of Discharge Voltage (5C)
Max Number Of Modules

1EIGHT

5 C
1.78 kWh
857.6 V
200 A
704 V
640 V
16

3THREE

3 C
3.3 kWh
857.6 V
200 A
704 V
640 V
16

5ZERO

2 C
5.0 kWh
857.6 V
200 A
704 V
640 V
16

COMMUNICATION

Inverter Interface
Display
External Communication
User Interface

Ethernet / CAN
HV / Charge / Contactor / Alarm state LED Indicators
Ethernet / Wi-Fi / Bluetooth-LE
WEST BMS App for iOS and Android

SPECIFICATIONS

Dimensions (mm) WxDxH
Dimensions (In) WxDxH
Total Weight
Crate Weight
Module Weight (Individual)
Cell Technology

488.5 x 427.2 x 168
19.23 x 16.81 x 6.61
43.6 kg (96.14 lbs)
7.4 kg (16.32 lbs)
36.2 kg (79.82 lbs)

488.5 x 745.1 x 168
19.23 x 29.33 x 6.61
79.29 kg (174.83 lbs)
10.2 kg (22.49 lbs)
69.09 kg (152.15 lbs)

488.5 x 745.1 x 246
19.23 x 29.34 x 9.69
111.2 kg (245.15 lbs)
14.2 kg (31.31 lbs)
97 kg (213.85 lbs)

Environmental humidity
Protection rating
Cycle life
Warranty
Scalability
Application

Non-condensing
IP20
100 x Li-ion
10 Year
Yes
ON Grid / UPS

Non-condensing
IP20
100 x Li-ion
12 Year
Yes
ON Grid / UPS

Non-condensing
IP20
100 x Li-ion
12 Year
Yes
ON Grid / UPS

SAFETY

Current Safety
Maximum Capacitor Voltage
Loose Connection Monitoring
Temperature Monitoring
Cell Temperature Monitoring
Safe Activation Parameters
Certification

Fuse and Contactor (Dual Safety)
Electronic
Electronic
Electronic
Electronic
WEST EZPower® limited energy release
UL810A